



PTO/SB/64a (11-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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#5 DAC#

<b>PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED FOR FAILURE TO NOTIFY THE OFFICE OF A FOREIGN OR INTERNATIONAL FILING (37 CFR 1.137(f))</b>		Docket Number (Optional)
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First named inventor: Keith S. Manson

Application No.: 09/883,693

Art Unit: 2641

Filed: 06/18/2001

Examiner: Richard Dorvil

Title: Computer System With Natural Language To  
Machine Language Translator**RECEIVED**

MAY 21 2004

**OFFICE OF PETITIONS**

Attention: Office of Petitions  
**Mail Stop Petition**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
FAX: (703) 872-9306

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned pursuant to 35 U.S.C. 122(b)(2)(B)(iii) for failure to timely notify the Office of the filing of an application in a foreign country or under a multinational international treaty that requires publication of applications eighteen months after filing. The date of abandonment is the day after the expiration date of the forty-five (45) day period set in 35 U.S.C. 122(b)(2)(B)(iii).

**PURSUANT TO 37 CFR 1.137(f), APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION  
UNDER 37 CFR 1.137(b)**

**1. Petition fee**

Small entity-fee \$ 665.00 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

Other than small entity - fee \$ \_\_\_\_\_ (37 CFR 1.17(m))

**2. Notice of Foreign or International Filing (35 U.S.C. 122(b)(2)(B)(iii) and 37 CFR 1.213(c))**

Subsequent to the filing of the above-identified application, an application was filed in another country, or under a multinational international treaty (e.g., filed under the Patent Cooperation Treaty), that requires publication of applications eighteen months after filing. The filing date of the subsequently-filed foreign or international application is June 12, 2002.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

05/19/2004 MGE BREM1 00000106 09883693

01 FC:2453

665.00 0P

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**STATEMENT:** The entire delay in filing the required notice of a foreign or international filing from the due date for the required notice until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

[NOTE. The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D))].

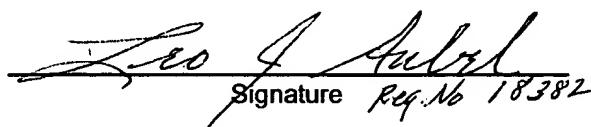
**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

May 14, 2004

Date

Telephone

Number: (847) 634-8923



Signature

Reg. No 18382

Leo J. Aubel

Typed or printed name

111 Rivershire Lane

Address

Lincolnshire, Illinois 60069

Enclosures:  Fee Payment

- Additional sheets containing statements establishing unintentional delay
- Other: \_\_\_\_\_

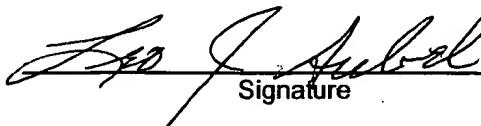
**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

I hereby certify that this correspondence is being: Hand Delivered to Mr. Paul Shanoski,  
c/o Office of Petitions.

- deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

May 14, 2004

Date



Signature

Leo J. Aubel

Type or printed name of person signing certificate

**LEO J. AUBEL, P.C.**

Patent Attorney  
111 Rivershire Lane  
Lincolnshire, IL 60069

Ph (847) 634-8923  
Fax (847) 634-8985  
email-leoaubel@attbi.com

**RECEIVED**

May 14, 2004

**MAY 21 2004**

**OFFICE OF PETITIONS**

Ms. Kathleen Whiting  
Optipat, Inc  
5350 Shawnee Road  
Suite 110  
Alexandria, VA 22312



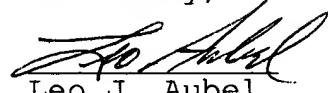
Optipat:

Please HAND DELIVER the enclosed envelope to

Customer Window  
Mail Stop Petition  
Crystal Plaza Two  
Lobby  
Room 1B03  
Arlington, Virginia 22202

Please phone me and leave message verifying date and time of delivery. Thanks.

Sincerely,

  
Leo J. Aubel  
Customer No. 1052

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/883,693

Filing Date

06/18/2001

First Named Inventor

Keith S. Manson

Art Unit

2641

Examiner Name

Richard Dorvil

**RECEIVED**

MAY 21 2004

**OFFICE OF PETITIONS****ENCLOSURES (Check all that apply)**

- Fee Transmittal Form  
 Fee Attached  
 Amendment/Reply  
 After Final  
 Affidavits/declaration(s)  
 Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney, Revocation  
 Change of Correspondence Address  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s) \_\_\_\_\_

- After Allowance communication to Technology Center (TC)  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):

**Remarks**

Petition fee of \$665 pursuant to 37 CFR 1.17(m), small entity, enclosed

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name

Leo J. Aubel

Signature

Date

May 14, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. To be Hand Delivered to Mr. Paul Shanoski, c/o Office of Petitions

Typed or printed name

Leo J. Aubel

Signature

Date May 14, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: )  
Keith S. Manson ) Mr. Paul Shanoski,  
Serial No.: 09/883,693 ) Senior Attorney  
Filed: June 18, 2001 ) Office of Petitions  
For: COMPUTER SYSTEM WITH )  
    NATURAL LANGUAGE TO MACHINE )  
    LANGUAGE TRANSLATOR )

**RECEIVED**

MAY 21 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**OFFICE OF PETITIONS**

Renewed Petition under 37 CFR 1.137(f)

Dear Sir:

A petition under 37 CFR 1.137(f) to revive the above identified application was filed on February 9, 2004. For various reasons the petition has been deemed improper and has been dismissed. This is a renewed petition under 37 CFR 1.137(f) to revive the above identified application.

Pursuant to the letter from the Office of Petitions dated May 10, 2004, concerning the correction of the deficiencies, the following are being submitted:

- a) Renewed Petition (dated May 14, 2004) For Revival of an Application for Patent abandoned for failure to notify the office of a foreign or international filing (37 CFR 1.137(f)-form PTO/SB/64a;
- b) Notice of Rescission of Previous Nonpublication Request and Notice of Foreign Filing- form PTO/SB/36;
- c) Notification of the publication of the corresponding PCT application comprising a copy of the cover page of International Publication No WO 02/103555 A2;
- d) Fee of \$665.00.

The letter is being hand delivered to Mr. Paul Shanoski, c/o Office of Petitions.

Respectfully submitted,

Leo J. Aubel, Reg. No. 18382  
Ph (847) 634-8923



#6

PTO/SB/36 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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**RESCISSON OF PREVIOUS  
NONPUBLICATION REQUEST  
(35 U.S.C. 122(b)(2)(B)(ii))  
AND, IF APPLICABLE,  
NOTICE OF FOREIGN FILING  
(35 U.S.C. 122(b)(2)(B)(iii))**

Send completed form to:  
**Mail Stop PG Pub**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
FAX: (703) 305-8568

Application Number	09/883,693
Filing Date	06/18/2001
First Named Inventor	Keith S. Manson
Title	Computer System With Natural Language To Machine Language/Translator
Atty Docket Number	
Group Art Unit	2641
Examiner	Richard Dorvil

A request that the above-identified application not be published under 35 U.S.C. 122(b) (nonpublication request) was included with the above-identified application on filing pursuant to 35 U.S.C. 122(b)(2)(B)(i). I hereby rescind the previous nonpublication request.

If a notice of foreign or international filing is or will be required by 35 U.S.C. 122(b)(2)(B)(iii) and 37 CFR 1.213(c), I hereby provide such notice. This notice is being provided no later than forty-five (45) days after the date of such foreign or international filing.

*If a notice of subsequent foreign or international filing required by 35 U.S.C. 122(b)(2)(B)(iii) and 37 CFR 1.213(c) was not filed within forty-five (45) days after the date of filing of the foreign or international application, the application is ABANDONED, and a petition to revive under 37 CFR 1.137(b) is required. See 37 CFR 1.137(f).*

May 14, 2004

Date

(847) 634-8923

Telephone Number

  
Ry No 18382

Signature

Leo J. Aubel

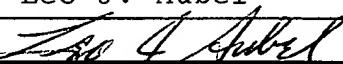
Typed or printed name

**This request must be signed in compliance with 37 CFR 1.33(b).**

If information or assistance is needed in completing this form, please contact the Pre-Grant Publication Division at (703) 605-4283 or by e-mail at PGPub@USPTO.gov.

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Delivered to Paul Shanoški/  
Office of Petitions

Name (Print/Type)	Leo J. Aubel	Date	May 14, 2004
Signature			

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(b). The information is used by the public to rescind a previously filed request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that rescission). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PG Pub, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
27 December 2002 (27.12.2002)

PCT

(10) International Publication Number  
**WO 02/103555 A2**

- (51) International Patent Classification<sup>7</sup>: **G06F 17/28**
- (21) International Application Number: PCT/GB02/02742
- (22) International Filing Date: 12 June 2002 (12.06.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
09/883,693 18 June 2001 (18.06.2001) US
- (71) Applicant (for all designated States except US):  
**PIPEDREAM METASYSTEMS, INC.** [US/US];  
1288 Columbus Avenue #153, San Francisco, CA 94133 (US).
- (71) Applicant (for MG only): **HOWE, Steven** [GB/GB]; 36 Longacre, Chelmsford, Essex CM1 3BJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **MANSON, Keith, S.** [US/US]; P.O. Box 8406, Berkeley, CA 94707 (US).
- (74) Agent: **HOWE, Steven**; Lloyd Wise, Tregear & CO., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

A2

**WO 02/103555**

(54) Title: COMPUTER SYSTEM WITH NATURAL LANGUAGE TO MACHINE LANGUAGE TRANSLATOR

(57) Abstract: Presented is a system and method for converting or translating expressions in a natural language such as English into machine executable expression in a formal language. This translation enables a transformation from the syntactic structures of a natural language into effective algebraic forms for further exact processing. The invention utilizes algorithms employing a reduction of sequences of terms defined over an extensible lexicon into formal syntactic and semantic structures. This term reduction